

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

Date: May 12, 1992
Subject: Walton's Farm Site, Delran Twp.,
Burlington County, New Jersey
From: D. Graham, OSC, EPA Region II,
Removal Action Branch
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TAT

POLREP: POLREP No. 6

II. BACKGROUND

SITE NO.:	5 N
DELIVERY ORDER NO.:	N/A
RESPONSE AUTHORITY:	CERCLA
NPL Status:	Non-NPL
State Notification:	State Notified
Status of Action Memorandum:	Approved 1/07/91
Start Date:	November 5, 1991 (PRP)
Demobilization Date:	N/A
Completion Date:	N/A

III. SITE INFORMATION

A. Incident Category

Pesticide dump.

B. Site Description

The Walton Farm site occupies approximately one (1) acre of a thirty-seven (37) acre parcel located in a residential/

271184



agricultural area of Delran Township, Burlington County, New Jersey. The disposal area is located directly adjacent to the Rancocas Creek, a major tributary of the Delaware River. The site was used for the disposal of powdered chemicals, primarily pesticides, from approximately 1945 to 1952. The New Jersey Department of Environmental Protection and Energy (NJDEPE) referred the site to EPA for CERCLA removal action consideration in January 1990. Subsequent sampling conducted by EPA's Removal Action Branch (RAB) confirmed previous NJDEPE data which revealed excessive concentrations of the pesticide DDT and its degradation products DDD and DDE. A variety of other organic and inorganic pesticides were also found at less significant concentrations.

In January 1991 an action memorandum approved funding for a CERCLA removal action at the site. The removal action was not initiated, pending the outcome of ongoing negotiations with the Potentially Responsible Party (PRP). In October 1991, the PRP entered into an Administrative Consent Order (ACO) with EPA, which stipulated that they (PPG Industries, Inc.) would conduct the necessary mitigative activities.

IV. RESPONSE INFORMATION

A. Planned Removal Actions

As stipulated in the ACO, the PRP is responsible for conducting a site investigation to define the extent of contamination. Once complete, the site investigation report and an appropriate removal work plan are to be submitted to EPA for approval. Upon EPA's approval, the PRP is to initiate the removal of all land-based material which exceeds a total concentration of 10 ppm for DDT and its breakdown products DDD and DDE. Material with a concentration greater than 1000 ppm will be incinerated. Material with a concentration between greater than 10 ppm but less than 1000 ppm will be landfilled.

The PRP's site investigation includes the sediments of the Rancocas Creek. The PRP has been afforded the option of addressing any identified sediment contamination under the current ACO, or face the possibility of enforcement actions for the affected sediments at some point in the future.

B. Situation

The excavation of land-based contamination is complete. A total of 8,300 tons of soil have been landfilled at Laidlaw's GSX Landfill and Chemical Waste Management's (CWM) Model City Landfill. The PRP's contractor is in the process of conducting sampling for the Cleanup Verification Program.

An estimated 5000 tons of incinerable waste and soil remains stockpiled on-site awaiting disposal acceptance at CWM's Trade Waste Incinerator. Approximately 20% of the stockpiled material

is below 1000 ppm but could not be placed in a landfill prior to the May 8 landban deadline.

During the PRP's pre-removal site investigation, the sediments of the Rancocas Creek were found to be contaminated by off-site migration of contaminants from the Walton Farm Site. Upon evaluating the situation, with the input of the multi-agency Biological Technical Assistance Group (BTAG); the PRP has elected not to address the contaminated sediments as part of the current ACO under which this removal action is being conducted.

C. Next Steps

Upon the successful completion of the Cleanup Verification Program, the site will be backfilled and restored to pre-removal conditions. The final post-removal site conditions will be to the satisfaction of both EPA and the land owner.

The stockpiled materials requiring incineration will remain on-site until CWM's Trade Waste facility regains its CERCLA compliance or off-site storage can be arranged. Upon completion of all on-site activities by the PRP and its contractors, the OSC will forward a "Letter of Completion" and all relevant data to NJDEPE and EPA's Pre-Remedial Section.

D. Key Issues

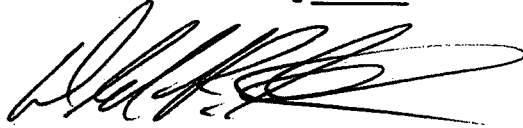
No significant problems at this time.

V. COST INFORMATION

The PRP's project costs have been increased significantly due to an increase in the amount of incinerable material which was excavated. Initially estimated at \$4 million, the total project is now anticipated to total \$6 to \$7 million. In addition to the project costs, the PRP has agreed in the ACO to reimburse EPA for oversight costs. EPA's oversight costs are currently estimated to total around \$100,000 by the time of the project's completion.

Further
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Submitted By 
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Removal Action Branch

Date Released 5/12/92